



## Curriculum Vitae

August 4, 2004

Maurice Zauderer, Ph.D.

### Education

Yeshiva University; NY, New York	B.S.	1966	Physics
Massachusetts Institute of Technology; Cambridge, Massachusetts	Ph.D.	1972	Cell Biology

### Professional Positions:

1971-1975	Postdoctoral Fellow of the Helen Hay Whitney Foundation.
1972-1973	Postdoctoral Research with Dr. Matthew D. Scharff, Albert Einstein College of Medicine, NY.
1974-1975	Postdoctoral Research with Dr. Brigitte A. Askonas, National Institute for Medical Research, Mill Hill, London.
1975-1976	Visiting Scientist Laboratory of Cell Biology, Rome, Italy
1976-1983	Assistant Professor, Department of Biological Sciences, Columbia, University, NY, NY.
1984-2000	Associate Professor, Cancer Center and Department of Microbiology and Immunology, University of Rochester, Rochester, NY.
1984-1985	Visiting Scientist, Laboratory of Dr. Tak Mak, Ontario Cancer Institute, Toronto, Canada.
1990- 1997	Associate Professor, Strong Children's Research Center and Department of Pediatrics, University of Rochester, Rochester, New York.
1993-1994	Visiting Scientist, Laboratory of Dr. Alfred Singer, Experimental Immunology Branch, NCI, NIH, Bethesda, MD.
1997-2001	President and General Partner of Vaccinex, LP
2001-	President & CEO, Vaccinex, Inc., Rochester, N.Y.

### Other Professional Activities:

1984	National Science Foundation, Cellular Physiology Study Section.
1987-1989	Associate Editor, Journal of Immunology.
1990	Allergy and Immunology Study Section, Division of Research Grants, N.I.H.
1990	National Cancer Institute Special Review Committee

1992-1997 Multiple Sclerosis Society, Basic Science Study Section.  
1994-1999 Associate Editor, Journal of Immunology  
2003 - Board Member, New York Biotechnology Association  
2003 - Board Member, Rochester Economic Development Board

### **Key Scientific Publications (partial listing):**

Faherty, D.A., Johnson, D.R., and **Zauderer, M.** 1986. Origin and specificity of autoreactive T cells in antigen-induced populations. *J. Exp. Med.* 161:1293-1301.

**Zauderer, M.**, Iwamoto, A., and Mak, T. 1986. Gamma gene rearrangement and expression in autoreactive helper T cells. *J. Exp. Med.* 163:1314-1318.

Johnson, D.R., Faherty, D.A., and **Zauderer, M.** 1986. TTGG-A--L specific memory B cells induced in low responder strains. *J. Immunol.* 137:2791-2795.

Johnson, D.R., Faherty, D.A., and **Zauderer, M.** 1986. Different T cell requirements for specific memory induction in normal and xid B cells. *J. Immunol.* 137:2796-2801.

Moynihan, J., Burstyn, D., and **Zauderer, M.** 1989. Autoreactive T cell response to resting or activated B cells. *Immunol.* 68:199-203.

Burstyn, D., and **Zauderer, M.** 1989. Requirements for stimulation of autoreactive T cells by thymic stroma. *J. Immunol.* 143:1422-1425.

**Zauderer, M.** 1989. Origin and Significance of autoreactive T cells. *Advances in Immunol.* 45:417-437.

**Zauderer, M.**, and Natarajan, K. 1990. Imprint of thymic selection on autoreactive repertoires. *Immunological Reviews.* 116:159-170.

Fisher, D.J., Gigliotti, F., **Zauderer, M.** and Harmsen, A.G. 1991. Specific T-cell response to a *pneumocystis carinii* surface glycoprotein (gp120) after immunization and natural infection. *Infection and Immunity*, 59: 3372.

Natarajan, K., Burstyn, D. and **Zauderer, M.** 1992. Major Histocompatibility Complex Determinants Select T-cell Receptor  $\alpha$  Chain Variable Region Dominance in a Peptide-specific Response. *PNAS*, 89: 8874-8878.

Sahasrabudhe, D.M., Burstyn, D., Dusel, J.C., Hibner, B.L., Collins, J.L., and **Zauderer, M.** 1993. Shared T Cell-defined Antigens on Independently Derived Tumors. *J. Immunol.* 151:6302-10

Westbay, T.D., Dascher, C., Bavoil, P., and **Zauderer, M.** 1994. Dissociation of

immune determinants of outer membrane proteins of *Chlamydia psittaci* strain guinea pig inclusion conjunctivitis. *Infection and Immunity* 62:5614-23.

Westbay, T.D., Dascher, C., **Zauderer, M.**, and Bavoil, P. 1995. Deviation of immune response to *Chlamydia psittaci* outer membrane protein in LPS hyporesponsive mice. *Infection and Immunity* 63:1391-3.

**Zauderer, M.** 1996. Special delivery for peptide-stimulated immunity. *Nature Biotechnology* 14:703-705.

Moore, J.C., **Zauderer, M.**, Natarajan, K., and Jensen, P.E. 1997. Peptide binding to mixed isotype Ab<sup>d</sup>Ea<sup>d</sup> class II histocompatibility molecules. *Mol. Immunol.* 34:145-155.

**Zauderer, M.**, and Singer, A. 1997. Limiting dilution analysis of primary cytotoxic T cell precursors. *J. Immunol. Methods*, 208: 85-90.

Merchlinsky, M., Eckert, D., Smith, E., and **Zauderer, M.** 1997. Construction and characterization of Vaccinia direct ligation vectors. *Virology*, 238: 444-451.

Smith, E.S., Mandokhot, A., Evans, E.E., Mueller, L., Borrello, M.A., Sahasrabudhe, D.M., and **Zauderer, M.** 2001. Lethality-based selection of recombinant genes in mammalian cells: Application to identifying tumor antigens. *Nature Medicine*, 7:967-972.

**Zauderer Patents and Patent Applications:**

<b>Application Title</b>	<b>Filing Date</b>
T CELLS SPECIFIC FOR TARGET ANTIGENS AND VACCINES BASED THEREON	Sept. 22, 1997
METHODS FOR PRODUCING POLYNUCLEOTIDE LIBRARIES IN VACCINIA VIRUS	April 2, 2001
METHODS OF SELECTING POLYNUCLEOTIDES ENCODING ANTIGENS	Jan. 3, 2002
TARGETED VACCINE DELIVERY SYSTEMS	Apr. 12, 2001
GENE DIFFERENTIALLY EXPRESSED IN BREAST AND BLADDER, AND ENCODED POLYPEPTIDES	Apr. 4, 2001
METHODS OF PRODUCING A LIBRARY AND METHODS OF SELECTING POLYNUCLEOTIDES OF INTEREST	Mar. 28, 2001
METHOD OF SCREENING FOR THERAPEUTICS FOR INFECTIOUS DISEASES	Oct. 1, 2001
IN VITRO METHODS OF PRODUCING AND IDENTIFYING IMMUNOGLOBULIN MOLECULES IN EUKARYOTIC CELLS	Nov. 14, 2001
METHODS OF IDENTIFYING REGULATOR MOLECULES	Feb. 4, 2002
METHODS OF PRODUCING OR IDENTIFYING INTRABODIES IN EUKARYOTIC CELLS	Jan. 23, 2002

#### **Vaccinex Research Awards:**

<b>Date</b>	<b>Grant Institution</b>	<b>Research Area</b>	<b>Award Amount</b>
06/04	NIH/ National Institute of Aging	Monoclonal Antibody Therapy to Combat Osteoporosis	\$217,632
05/04	National Institute Standards and Technology/ Advanced Technology Program	Development of Human Monoclonal Antibody Discovery Technology	\$1,993,619
05/04	NIH/ National Cancer Institute	New Target Antigens for Prostate Cancer Immunotherapy	\$599,735
04/04	NIH/National Institute Allergy and Infectious Diseases	Human Monoclonal Antibodies for Bioterrorism Defense	\$1,358,678
02/04	NIH/ National Cancer Institute	Functional Identification of Cancer Regulators	\$363,089
03/03	NIH/ National Cancer Institute	A Method to Identify Upstream Regulators of Oncogenes (CEA)	\$433,400
02/03	New York State Department of Labor	BUSINYS - Research Training	\$16,400
05/02	NIH/ National Institute of Aging	Genetic Selection System to Clone Osteogenic Regulators (Phase II)	\$434,074

09/01	NIH/ National Institute Arthritis and Musculoskeletal and Skin Diseases	Genetic Selection to Clone Chondrogenic Regulators (Phase I)	\$99,999
08/01	NIH/ National Cancer Institute	C35: A Target for Bladder and Breast Cancer Therapy	\$908,660
05/01	New York State Department of Labor	High Tech Worker Training Program	\$216,000
11/00	National Institute Standards and Technology/ Advanced Technology Program	Cancer Antigen Identification	\$2,000,000
02/00	NIH/ National Cancer Institute	New Target Antigens for Prostate Cancer Vaccines	\$477,824
07/99	US Army Breast Cancer Research Program	Target Antigens for Breast Cancer Vaccines	\$297,689
		Total	\$9,416,799.00799